

SEQUENCE LISTING

<110> GYEONGSANGNAM-DO  
Chulwook, KIM

<120> Novel growth related genes from swine

<130> YLOP040110US

<150> KR 2003-83652

<151> 2003-11-24

<160> 5

<170> PatentIn version 3.2

<210> 1

<211> 660

<212> DNA

<213> Kagoshima Berkshire

<400> 1  
gagaccagca aatactatgt gaccatcatt gatgccccag gacacagaga cttcatcaaa 60  
aacatgatta caggcacatc ccaggctgac tgtgcgtcc tgattttgc tgctgggtt 120  
ggtaatttg aagctggat ctccaagaac gggcagaccc gcgagcatgc tcttctggct 180  
tacaccctgg gtgtgaaaca gctgattgtt ggtgtcaaca aatggattc caccgagcca 240  
ccatacagtc agaagagata cgaggaaatc gttaaggaag tcagcaccta cattaagaaa 300  
atggctaca accctgacac agtagcattt gtgccaattt ctggttggaa tggtgacaac 360  
atgctggagc caagtgcataa tatgccttgg ttcaaggat gaaaaatc ac ccgcaaagat 420  
ggcagtgcac gtggcaccac gctgctggaa gctttggatt gtatcctacc accaactcgt 480  
ccaaactgaca agcctctgcg actgcccctc caggatgtct ataaaattgg aggcatggc 540  
actgtccctg tggcccgagt ggagactggt gttctaaac ctggcatggt gtttaccttt 600  
gctccagtc atgtaacaac tgaagtcaag tctgtigaaa tgccatga agctttgagt 660

<210> 2

<211> 530

<212> DNA

<213> Kagoshima Berkshire

<400> 2  
gctgactgtat cgggagaatc agtctatctt aatcaccgga gaatccgggg cagggaaagac 60  
tgtgaacacg aagcgtgtca tccagtactt tgccacaatc gccgtcactg gggagaagaa 120  
gaaggaggaa cctactccctg gaaaaatcga ggggactctg gaagatcaga tcatcagtgc 180  
caaccccccctg ctgcaggccct tggcaacgc caagaccgtg aggaacgaca actcctctcg 240  
ctttggtaaa ttcatcagga tccacttcgg taccactggg aagctggctt ctgctgacat 300  
cgaaacatata tttcttagaga agtcttagatg cactttccag ctaaaggcag aaagaagcta 360  
ccacattttt tatcagatca tgtctaaca gaagccagag ctcattgaaa tgctcctgat 420  
caccaccaac ccatatgact acgccttcgt cagtcaaggg gagatcactg tccccagcat 480  
tgatgaccaa gaggagctga tggccacaga tagtgcatt gaaatcctgg 530

<210> 3

<211> 589

<212> DNA

<213> Kagoshima Berkshire

<400> 3

gttgttcctt taaatatgtat gttgccacaa gctgcattgg agactcattg cagtaatatt	60
tccaatgtgc cacctacaag agagatactt caagtcttc ttactgtatgt acacatgaag	120
gaagiaattc agcagttcat tcatgtccctg agttagcag tcaagaaaacg tgtcttgtgt	180
ttacccatggg atgaaaacct gacagcaat gaagtttga aaacgtgtga taggaaagca	240
aatgttgcaa tcctgttttc tggggcatt gattccatgg ttattgcaac ctttgctgac	300
cgtcatattc ctttagatga accaattgtat ctcttaatg tagcttcat agctgaagaa	360
aagaccatgc caactaccc taaacagagaa gggaaaac agaaaaataa aigtgaaata	420
ccttcagaag aattctctaa agatgttgct gctgctgtg ctgacagtcc taataaacat	480
tcagtgtaacc agatcgaatc acaggaaggg cgggactaaa ggaactacaa gctgttagct	540
gatgaccaag aggagctgat ggccacagat agtgcatttga aatccctgg	589

<210> 4  
 <211> 469  
 <212> DNA  
 <213> Kagoshima Berkshire

<400> 4 catttatgatggctacgcgc tgccgcacgc catcaigcgc ctggaccctgg cggggccgcga	60
tctcaccgc tacctgtatga agatcctcac tgagcgtggc tactcccttctt gaccacagct	120
gagcgcgaga tcgtgcgcga catcaaggag aagctgtgt acgtggccct ggacttcgag	180
aacgagatgg cgacggccgc ctccctcc tccctggaaa agagctacga gctgccagac	240
gggcaggta tcaccatcgga caacgcgc ttcgcgtgcc cggagacgcttccagcccc	300
tccttcatcg gtatggatgc ggcgggcattt cacgagacca cctacaacag catcatgaag	360
tgtgacatcg acatcaggaa ggacctgtat gccaacaacg tcatgtcggg gggcaccact	420
gatgaccaag aggagctgat ggccacagat agtgcatttga aatccctgg	469

<210> 5  
 <211> 507  
 <212> DNA  
 <213> Kagoshima Berkshire

<400> 5 tatatacgtacgtacactggcc tgaccaagca gggccaaaac aaggcaacctt aggagggttataaaataggta tacgcgcgtt gacacataca tactcaactac ccgaacgcgg	60
ggacaactag ggctccgcacca taagccatcc ttccctggtc gtcgtatgtt cgggctgcag	120
ttatagggtt gccaaccgcctt atacacaccc taccagccac ttatataatgtt acatccacga	180
gggctctgtt ccacccctaa gcagtggcag tggtagccgc tgcccgctt ccctgcgcag	240
tgttgggtgtt agctccgtcc taagcttccc cgatagccgc cgcttttac acaccatcggtt	300
cggactagac accgttgggtt gcagcgtaaag cgtctatgtt agcagctgcg gcgaccgcgc	360
tgttagccaccc ttactacatgtt ttagttttagt caaccaccc gccaataaccc gtgtccctt	420
ctccaaactctt gtcgggttca gcccgcag	480
	507